Box S1: Variable descriptions

Variables	Descriptions		
Patient demographics			
Age at diagnosis	Defined at time of filling in questionnaire shortly after diagnosis		
Educational level at diagnosis	Defined as low: primary or secondary education or less, medium: vocational education, and high:		
	university or higher education.		
Parity at diagnosis	Yes / no		
Smoking status at diagnosis	Classified as never smoker, former smoker, and current smoker		
Family history of cancer	Yes / no		
Frailty at diagnosis	Evaluated by Groningen Frailty Index (GFI). Defined as < 4: non-frail, > 4: frail.		
Clinical data			
Histology at diagnosis	Classified as high-grade serous, low-grade serous, mucinous, endometrioid, clear cell, carcinosarcoma, adenocarcinoma NOS		
FIGO stage at diagnosis	Classified as I, II, III, IV.		
Performance status at diagnosis	Evaluated according to WHO/ECOG criteria. Defined as 0: fully active, 1: restricted in physical strenuous activity, 2: ambulatory and capable of selfcare but unable to carry out any other work activities, in bed <50% of waking hours, 3: capable of only limited selfcare, in bed >50% of waking hours, 4: completely disabled, totally confined to bed or chair, 5: dead.		
BRCA1/2 tests			
Tumor test performed	Yes / no		
Germline test performed	Yes / no		
Date of tumor / germline test	Day / month / year		
Tumor test result	Classified as: no tumor pathogenic variant, tumor pathogenic variant in <i>BRCA1</i> or tumor pathogenic variant in <i>BRCA2</i>		
Germline test result	Classified as: no germline pathogenic variant, germline pathogenic variant in <i>BRCA1</i> or germline pathogenic variant in <i>BRCA2</i>		

Table S1: Known BRCA1/2 germline pathogenic variant status by time since diagnosis

All EOC patients			
	n=250		
n	%	Cum. %	
159	63.6	63.6	
24	9.6	73.2	
8	3.2	76.4	
4	1.6	78.0	
2	0.8	78.8	
4	1.6	80.4	
49	19.6	100.0	
	n 159 24 8 4 2 4	n=250 n % 159 63.6 24 9.6 8 3.2 4 1.6 2 0.8 4 1.6	

Abbreviations: Cum, cumulative; GPV, germline pathogenic variant.

Table S2: *BRCA1/2* pathogenic variants by histological subtype (HGSC versus non-HGSC) for all tested patients and by period of diagnosis (period I and period II)

	All tested patients n=201		Tested patients di	Tested patients diagnosed in period I <sup>a</sup>		Tested patients diagnosed in period II <sup>a</sup>	
			n=137		n=64		
	n	%	n	%	n	%	
BRCA1/2 GPV	15	7.5	11	8.0	4	6.3	
HGSC	15	100.0	11	100.0	4	100.0	
Non-HGSC	-	-	-	-	-	-	
Somatic BRCA1/2 PV	9	4.5	4	2.9	5	7.8	
HGSC	9	100.0	4	100.0	5	100.0	
Non-HGSC	-	-	-	-	-	-	

Abbreviations: GPV, germline pathogenic variant; HGSC, high-grade serous carcinoma; PV, pathogenic variant. <sup>a</sup> Period I: January 1, 2016, until July 1, 2018. Period II: July 1, 2018, until January 1, 2020.

Table S3: Potential predictors of receiving BRCA1/2 testing (multivariable logistic regression)

Variables	OR (95% CI)	P value
Age at diagnosis	0.96 (0.93-0.99)	0.012
Histology at diagnosis		
HGSC (ref.)	1.00	-
Non-HGSC	0.23 (0.11-0.46)	< 0.001
Adenocarcinoma NOS	0.29 (0.04-1.89)	0.195
Period of diagnosis	1.11 (0.54-2.28)	0.777

Abbreviations: OR, odds ratio; CI, confidence interval; HGSC, high-grade serous carcinoma; ref, reference; NOS, not otherwise specified.